



Introduced Version

HOUSE RESOLUTION No. ____

Introduced by: Austin, Koch

A HOUSE RESOLUTION urging the Legislative Council to assign to the regulatory flexibility committee the task of studying, during the 2013 legislative interim, the topic of small modular nuclear reactors.

Whereas, There is renewed interest in small and simpler units for generating electricity from nuclear power; and

Whereas, This interest is driven by a desire to reduce the impact of capital costs and provide power away from large grid systems: Therefore,

*Be it resolved by the House of Representatives of the
General Assembly of the State of Indiana:*

1 SECTION 1. That the Indiana House of Representatives urges the

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Legislative Council to assign to the regulatory flexibility committee the task of studying, during the 2013 legislative interim, the topic of small modular nuclear reactors.

SECTION 2. That the regulatory flexibility committee, if assigned the topic, study the following:

(1) Economic issues related to small modular nuclear reactors, including the following:

(A) Cost data and cost estimates, including:

(i) a comparison of costs for small modular nuclear reactors versus costs for large scale nuclear reactors;

(ii) models for overnight cost estimates;

(iii) projected life cycle costs for small modular nuclear reactors;

(iv) the costs and availability of fuel; and

(v) potential methods to limit cost and deployment uncertainties.

(B) The potential economic impact of small modular nuclear reactor deployment on Indiana and Indiana communities, including:

(i) potential job creation, including potential job opportunities in Indiana's manufacturing sector; and

(ii) potential cost savings for Indiana manufacturers and other large scale consumers of electricity.

(2) Technical and design issues related to small modular nuclear reactors, including the following:

(A) Next generation engineering designed to address safety, security, and waste management issues.

(B) Manufacturing and construction capability for small modular nuclear reactor deployment.

(C) Supply chain maturity.

(3) Regulatory issues, including licensing and compliance issues.

(4) Issues related to the practicality of small modular nuclear reactor deployment and use, including the following:

(A) A comparison of the deployment and use of small modular nuclear reactors versus baseload generation alternatives.

(B) The transportability of plant equipment.

(C) The practicality of adding one (1) or more additional small modular nuclear reactors to a site after the initial small modular nuclear reactor units at the site are in service.

(D) Siting issues.

(5) Other issues concerning small modular nuclear reactors that the committee considers appropriate or necessary to conduct a study.

SECTION 3. That if the committee is assigned these topics, the



- 1 committee shall issue to the Legislative Council a final report
- 2 containing the committee's findings and recommendations, if any, not
- 3 later than November 1, 2013, in an electronic format under IC 5-14-6.

